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1 LISTING OF CLAIMS

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3 1. (Currently amended) A client-side caching system, comprising:
4 a client for issuing a request based on a user selection for a resource on a
5 server; and

6 a server for receiving the request and sending a response including a
7 cookie and a client-side script to the client, wherein the cookie value represents
8 the last version of the resource, and wherein the client-side script appends the
9 cookie value to the request for [[a]] the resource such that and causes the client
10 to automatically re-requests re-request the resource with the appended cookie
11 value so that if the ~~most recent~~ last version of the resource is in the client cache,
12 the resource is retrieved from the client cache rather than from the server, and if
13 not, the resource is retrieved from the server.

14 2. (Original) The client-side caching system of claim 1, wherein the
15 resource is a web page, the resource is located at a URL, and the client is a web
16 browser with a browser cache.
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18 3. (Previously presented) The client-side caching system of claim 1,
19 wherein the response includes a non-displayed relatively small page and the
20 cookie is in a response header and the client-side script is in the entity body of
21 the response.
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23 4. (Previously presented) The client-side caching system of claim 1,
24 wherein the client-side script that appends the cookie value to the request is
25 embedded in a displayed page.
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1 5. (Currently amended) A server for a client-side caching system,
2 comprising:

3 a server for receiving a client request for a resource, ~~updating a database,~~
4 creating and inserting a cookie and a client-side script in a response to the client
5 request, wherein the cookie value represents the last version of the resource, and
6 wherein the client-side script appends the cookie value to the client request for
7 [[a]] the resource such that and causes the client to automatically re-requests re-
8 request the resource with the appended cookie value so that if the most recent
9 last version of the resource is in the client cache, the resource is retrieved from
10 the client cache rather than from the server, and if not, the resource is retrieved
11 from the server.

12 6. (Currently amended) The server of claim 5, wherein the server
13 includes a web server for listening to client requests, the resource is a web page
14 at a URL, and the client-side script appends the cookie value to the URL of the
15 web page requested to form a rewritten URL and causes the client to
16 automatically re-request the resource with the rewritten URL, and an application
17 server for creating the cookie and inserting the cookie into a response header
18 and inserting the client-side script into the entity body of the response.
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20 7. (Previously presented) The server of claim 6, wherein the server sets
21 the cookie value by determining the last modified time of each web page in the
22 same class as the web page which is the subject of the request, and sets the
23 cookie value to the maximum value of the last modified times.
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25 8. (Previously presented) The client-side caching system of claim 2,
26 wherein the server sets the cookie value by determining the last modified time of
27 each web page in the same class as the web page which is the subject of the
28 request, and sets the cookie value to the maximum value of the last modified
29 times.
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1 9. (Currently amended) A client-side caching system, comprising:
2 a client for issuing a request based on a user selection for a resource
3 stored on a server and for receiving a server response including a cache control
4 object and a client-side script, wherein the cache control object represents the
5 correct version of the resource, and wherein the client-side script appends the
6 cache control object value to the request for the resource, and without another
7 user selection for the resource causes the client to automatically re-requests re-
8 request the resource with the appended cache control object value so that if the
9 correct version of the resource is in the client cache, the resource is retrieved
10 from the client cache rather than from the server, and if not, the resource is
11 retrieved from the server.

12 10. (Previously presented) The client-side caching system of claim 9,
13 wherein the resource is a web page located at a URL, the correct version is the
14 last version of the resource, and the client is a web browser with a browser
15 cache.

16 11. (Previously presented) The client-side caching system of claim 10,
17 wherein the request and the response are HTTP compliant, the response is a
18 relatively small non-displayed page, the cache control object is a cookie in a
19 response header, and the client-side script is in the entity body of the response.

20 12. (Previously presented) The client-side caching system of claim 9,
21 wherein the client-side script that appends the cache control object to the request
22 is embedded in a displayed page.

23 13. (Previously presented) The client-side caching system of claim 9,
24 wherein Internet protocols define communication between the client and the
25 server, and the correct version is the last version of the resource.

1 14. (Previously presented) The client-side caching system of claim 11,
2 wherein the server sets the cookie value by determining the last modified time of
3 each page in the same class as the page which is the subject of the request, and
4 sets the cookie value to the maximum value of the last modified times.

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6 15. (Currently amended) A method of client-side caching in a server,
7 comprising:
8 receiving a client request for a web page; and
9 inserting a cookie and a client-side script in response to the client request,
10 wherein the cookie value represents the last version of the web page, and
11 wherein the client-side script appends the cookie value to the client request for
12 the web page ~~such that~~ and causes the client to automatically ~~re-requests~~ re-
13 request the web page with the appended cookie value so that if the ~~most recent~~
14 last version of the web page is in the client cache, the web page is retrieved from
15 the client cache rather than from the server, and if not, the web page is retrieved
16 from the server.

17 16. (Previously presented) The method of claim 15, further comprising
18 determining the last modified time of each web page in the same class as
19 the web page which is the subject of the request, and setting the cookie value to
20 the maximum value of the last modified times.

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22 17. (Previously presented) The method of claim 15, further comprising:
23 reviewing the extension of the requested web page to determine a run time
24 environment;
25 loading the run time environment; and
26 updating a database with information from the client request.
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1 18. (Currently amended) A method of client-side caching in a browser,
2 comprising:
3 presenting a user selection for a web page at a URL; and
4 receiving a server response including a cookie and a client-side script,
5 wherein the cookie value represents the most recent version of the web page, and
6 wherein the client-side script appends the cookie value to the URL generating a
7 rewritten URL and causes the browser to automatically re-request re-request the
8 web page with ~~[[a]] the rewritten URL of the URL with the appended cookie value~~
9 so that if the most recent version of the web page is in the browser cache, the
10 web page is retrieved from the browser cache, and if not, the web page is
11 retrieved from the server.

12 19. (New) A method performed in a server to implement client-side
13 caching, comprising:
14 receiving a request from a web browser with a cache based on a user
15 selection for a web page located at a URL on the server; and
16 sending a response including a cookie and a client-side script to the web
17 browser, wherein the cookie value represents the last version of the web page,
18 and wherein the client-side script appends the cookie value to the URL of the
19 requested web page to form a rewritten URL and causes the web browser to
20 automatically re-request the web page using the rewritten URL so that if the last
21 version of the web page is in the web browser cache, the web page is retrieved
22 from the web browser cache rather than from the server, and if not, the web page
23 is retrieved from the server.

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25 20. (New) The method of claim 19, wherein the client-side script causes
26 the web browser to automatically re-request the web page without another user
27 selection.
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1 **21. (New) The method of claim 19, wherein the response includes a non-**
2 **displayed relatively small page and the cookie is in a response header and the**
3 **client-side script is in the entity body of the response.**

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5 **22. (New) The method of claim 19, wherein the client-side script that**
6 **appends the cookie value to the request is embedded in a displayed page.**